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DIST.	LTR	ENC
ENEDETTI, R.L.		
ENJAMIN, A.		
ERMAN, H.S.		
RANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAHL, T.		
HILBIG, J.G.		
KIRBY, W.A.		
KUESTER, A.W.		
LEE, E.M.		
MANN, H.P.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RILEY, J.H.		
SANDLIN, N.E.		
SHEPLER, R.L.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.		
WILLIAMS, S. (ORC)		
WILSON, J.M.		
ZANE, J.O.		
Greengard	X	X
Hutchins	X	X
Klein	X	X
CORRES CONTROL	X	X
ADMIN RECORD	X	X
TRAFFIC		

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LTR APPROVALS:

ORIG & TYPIST INITIALS mdk/cb

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July 28, 1993 RF-93-9064

Scott R. Grace
Environmental Restoration Division
DOE, RFO

RECOMMENDED LOCATION CHANGE, OU2 SUBSURFACE IM/IRA, SITE 1 SOIL VAPOR EXTRACTION PILOT TEST, MTS #237398TB3 - NMH-044-93

Per the OU 2 Pilot Test Plan for Soil Vapor Extraction at Operable Unit Number 2 (OU 2), Document No. 2110-WP-OU02.07, EG&G has reviewed the proposed site location for the OU 2 Soil Vapor Extraction pilot test site and recommends an alternative location. The proposed pilot test site is located in Trench T-4 (IHSS 111.1) as shown in Figure 1-1. EG&G recommends the pilot test location be changed to Trench T-3 (IHSS 110) based on higher reported contamination in Trench T-3 than reported in Trench T-4. The recommendation to relocate the pilot test site is based upon the following observations:

- A preliminary data search was completed to provide available analytical data for soil samples collected within OU 2. Analytical data was sorted to present Volatile Organic Compound (VOC) concentrations in the unsaturated zone. Sample results from Boring 10191 had the highest concentrations of VOCs than the other unsaturated boring soils (Attachment 1). Boring 10191 is located within Trench T-3. A graphical comparison of soil contamination between Trench T-3 (boring 10191) and Trench T-4 (boring 10291) is found in Attachment 1.

- The presence of VOCs in the unsaturated soils in and around Trench T-3 was supported by a recent soil gas survey conducted by ASI (Attachment 2). The majority of the VOCs detected in the soil gas survey were 1,1-Dichloroethane Carbon Tetrachloride, Trichloroethene, and Tetrechlorethene.

The layout and spacing of the vapor extraction, air injection, groundwater extraction and pressure monitoring points for the proposed pilot test at T-3 will be the same as those proposed for the Trench T-4 system.

If you have any questions or require other information please call M. D. Klein of Environmental Engineering & Technology at X6950 or D5478.

N. M. Hutchins
Director
Environmental Science & Engineering

MDK:cb

Orig. and 1 cc - S. R. Grace

Attachment:
As Stated

REVIEWED FOR ADDRESSEE / CORRES. CONTROL RFP
BY ____ SD
DATE 8-11-93